

## PRESS RELEASE

## Betolar and Consolis Parma announce a partnership for low-carbon concrete testing in hollow core slabs

**Betolar has signed a development cooperation agreement to drive low-carbon construction with Consolis Parma, Finland's leading manufacturer of precast concrete elements. The aim is to test various new additives in the industrial manufacturing of precast concrete elements and significantly reduce emissions from the manufacturing phase of products.**

The development partnership creates new opportunities for Consolis Parma to manufacture low-carbon products. Betolar's Geoprime solution, which is currently being tested, would enable even lower emission from the industrial production of Parma's low carbon hollow core slabs while supporting the circular economy in the building materials industry even more broadly.

"We have excellent possibilities to succeed with Consolis Parma and after that it is easy to scale up for the group. Consolis Parma's extensive expertise will help to find the most efficient solutions for optimized factory production," says **Janne Rauramo**, Betolar's Head of Europe.

In terms of environmental responsibility, the focus of the development work is on manufacturing lower-carbon products as well as the circular economy. The goal of Consolis Parma's large-scale sustainability program is to cut the company's CO<sub>2</sub> emissions by five percent annually, which means halving total emissions by 2035.

"The use of alternative new binder combinations and additives that ensure the efficiency of the manufacturing process are key factors in achieving our climate goals. We are actively seeking new channels to address these challenges. The cooperation with Betolar is an important new partnership for us," says **Juha Rämö**, Technology Director of Consolis Parma.

### **Aiming for global emission reductions**

Lifecycle emissions from construction and buildings account for more than a third of the world's CO<sub>2</sub> emissions.

"Hollow core slabs are a central and demanding structural solution in the concrete manufacturing. The success of this development work enables true transformation of concrete building in the construction sector, first with Parma in Finland and then together with other Consolis companies across the Europe and other parts of the world," says **Matti Löppönen**, CEO of Betolar.

"Consolis is committed to the Science Based Target initiative (SBTi), to reach net zero global emissions by 2050. Entering cooperation with climate tech partners such as Betolar is an exciting and important step for Consolis and will be key to unlock the environmental challenges in our industry", says **Mikael Stöhr**, President and CEO of Consolis.

**More information:**

Joanna Viileinen, Marketing and Communications Director, Betolar Oyj, [joanna.viileinen@betolar.com](mailto:joanna.viileinen@betolar.com),  
tel. +358 40 538 3366

Petri Kähkönen, Marketing Manager, Consolis Parma Oy, [petri.kahkonen@consolis.com](mailto:petri.kahkonen@consolis.com),  
tel. +358 40 058 0356

**About Betolar**

Betolar Plc is a Finnish materials technology company that offers the production of sustainable and low-carbon concrete with the Geoprime® solution. The solution converts several previously unused high-volume industrial side streams into a substitute for cement.

Betolar's innovation can significantly reduce CO<sub>2</sub> emissions at a competitive cost compared to conventional cement-based concrete manufacturing, leveraging the existing manufacturing processes. Betolar's mission is to enable the green transformation of various industries globally, especially in the construction, process and energy industries by providing solutions to utilize its unique materials technology.

Betolar was founded in 2016 and is headquartered in Kannonkoski, Finland. Betolar is listed on the Nasdaq First North Growth Market. [www.betolar.com](http://www.betolar.com)

**About Consolis**

Consolis is a European leader in precast concrete solutions providing highly engineered and sustainable solutions for the building and utilities sectors. Together with our customers, we create beautiful buildings and infrastructure with the qualities to serve local communities for centuries to come. Well-built for Well-being, that is our reason to be.

We believe in responsible industry leadership, and we are committed to lead the sustainable transformation of our industry. Consolis employs over 9 000 people in 17 markets throughout the world. The group generated 1.1 bn EUR sales in 2021 excluding the assets that have been divested. Consolis Parma is a Finnish subsidiary in the group. [www.parma.fi](http://www.parma.fi) [www.consolis.com](http://www.consolis.com)